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Fig. 1

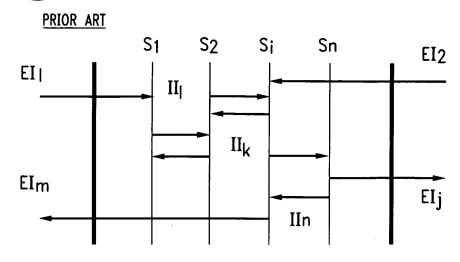
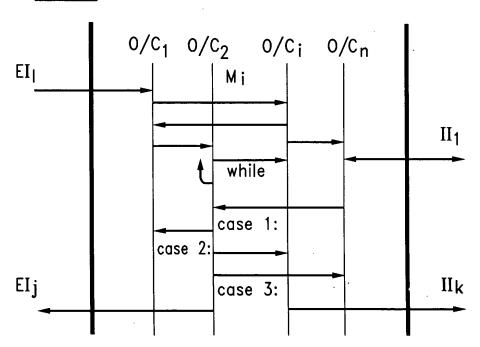
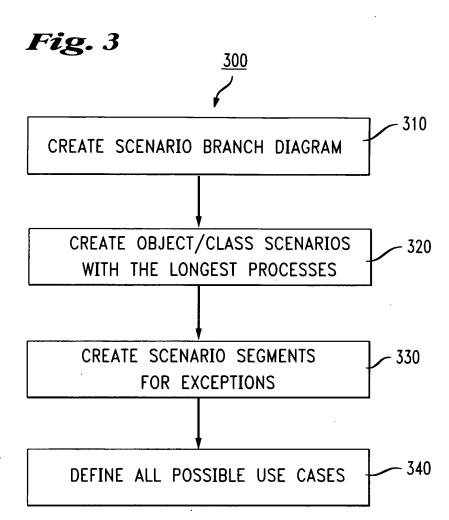


Fig. 2

PRIOR ART

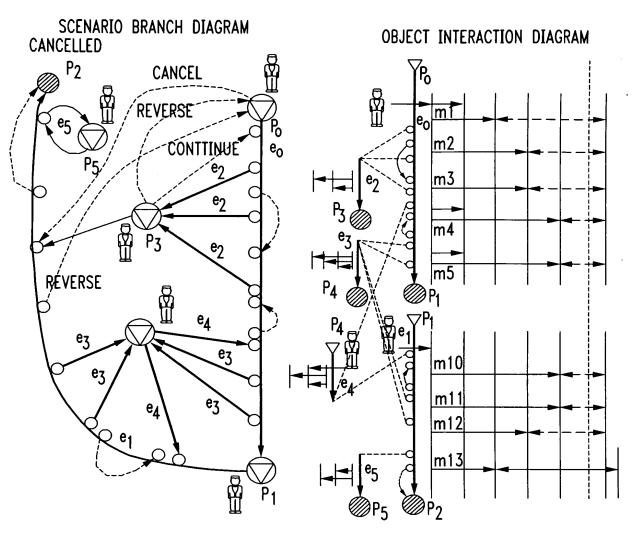


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Fig. 4



- ∇ START NODE
- O INTERMEDIATE NODE
- END NODE
- START & END NODE
- A SCENARIO SEGMENT
- ---- A PATH WITH NO SCENARIO

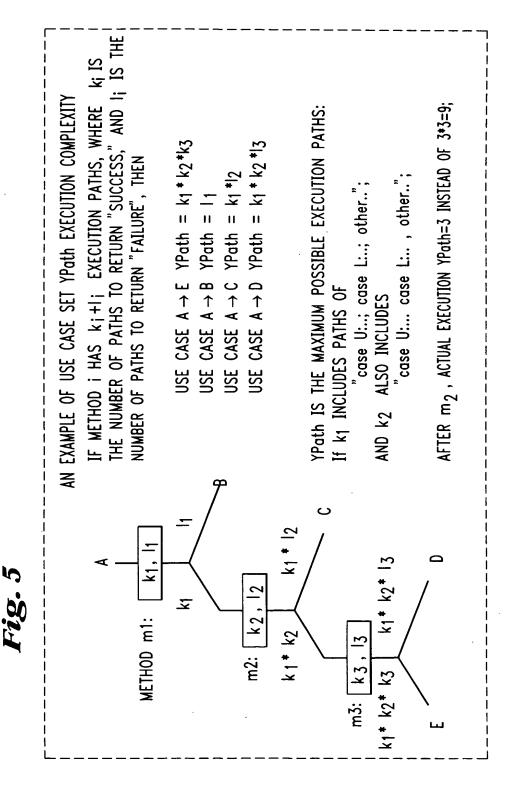


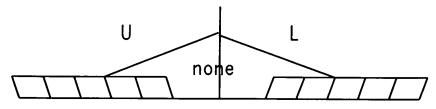
Fig. 6

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Table basic semantic statement is:		((source-0)a(r0-1)a(r1-2)a(r2-3)a(r3-4))&(r4=5)) {	resultCode=B; actionText=C;	~ 1	((source=L)&(r0=5)&(r1=6)&(r2=7)&(r3=8) &(r4=9)) { resultCode=B: actionText=C:	
Comment			If (a>b) then			
Source:	5	9	7	8	6	
Source: U		2	3	4	2	
Field Name	5	Z	r2	r3	7.4	

resultCode=B; actionText=C;



Fig. 7



The first 5 cases are: if (ri <> ..).. 6 th.: if ((r0=1)&(r1=2)&(r2=3)&(r3=4)&(r4=5)) Path=cyclomatic complexity in this table

Fig. 8

Field Name	r0	r1	r2	r3	r4	ResultCode	actionCode
Source: U	1	2	3	4	5	В	С
Source: L	5	6	7	8	9	В	С
Comment			if a.				

Fig. 9

Result Code	WC . action	Source	Mail-address	Action Text
G_b_n	Full_S	- <u>U</u> -	<u>m1</u> m2)))) •••
G_dup	No Action	_ <u>U</u> _	<u>m1</u> m2	" <u>duplicate</u> "
G – dup_0	Fallout	<u> </u>	<u>m1</u> m2	" <u>duplicate</u> " "Fallout"
S_dup	Action Add C	<u> </u>	<u>m1</u> m2	Fallout
S_dup_0	Fallout	_ <u>U</u>	<u>_m1</u> m2	Fallout

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Fig. 10

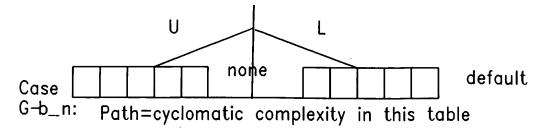


Fig. 11

Source	Result- Code	Mail-Address	Action-Text	WC-Action
	G - h- n	M11	19 39	Full-S
	G_dup	M12	"duplicate"	
U	G_dup_0	M13		
	S_dep	M14		
	S_dep_0q	M15		
	G-h-n	M21		
	G_dup	M22		•
L	G_dup_0	M23		
	S_dep	M24		
	S_dep_0q	M25		

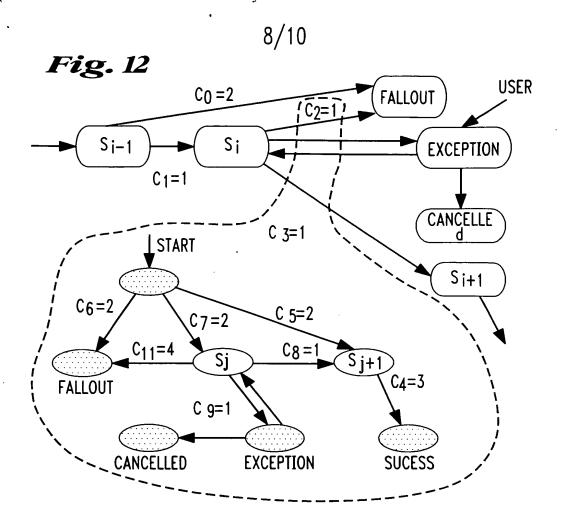


Fig. 13

s1	s2	Si+1		
working	working	(no transition)		
	fallout1	Fallout		
	fallout2	Fallout		
	succeed	(no transition)		
fallout	working	Fallout		
	fallout1	Fallout		
	fallout2	Fallout		
	succeed	Fallout		
Succeed	working	(no transition)		
}	fallout1	Fallout		
	fallout2	Fallout		
	succeed	Succeed		

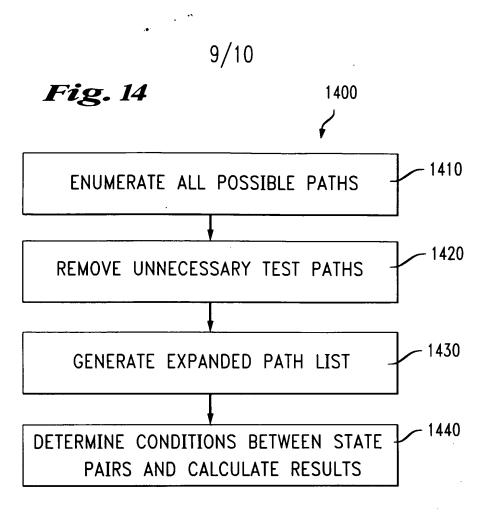
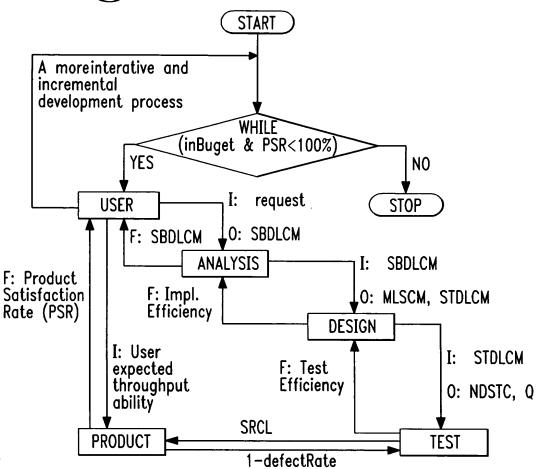


Fig. 15

Data Type	In-Weight
Short, long, float, double,	0.5
char, bool	
String	1.0
Enum, union, sequence	1.5
Any	4.0
Struct, object, exception	Sum of in-
	weights of
	subfields
Array, vector, linklist	1.0 + in-weight
	of element type

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Fig. 16



I: indicates input to the next stage;

0: indicates output of the stage;

F: indicates feedback to the previous stage.

SRCL: System release confidence level metric, presented in the attachment.